

B1 and the C-terminal of the amino acid sequence of glucose-6-phosphate dehydrogenase represented by SEQ ID NO: 6.

Please cancel claims 17 and 18, without prejudice.

B2 19. (amended) The hybrid enzyme according to claim 14, in which the peptide comprises an amino acid sequence having at least 6 or more sequential amino acid residues and has a character that there is a material having binding ability specifically to the part of the hybrid enzyme in which the peptide is substituted or inserted.

Please add the following new claims:

B3 -- 47. The hybrid enzyme according to claim 19, in which the peptide comprises an amino acid residue selected from an amino acid sequence of CRP, IgG, IgA, IgM, C3, C4, β 2 microglobulin, albumin, α -fetoprotein, CA19-9, prostatic specific antigen, carcinoembryonic antigen, insulin, human chorionic gonadotropin, prolactin, parathyroid hormone, thyroid stimulating hormone, streptolysin O, hepatitis B virus, hepatitis C virus, human immunodeficiency virus or human papilloma virus.

48. The hybrid enzyme according to claim 19, in which the peptide comprises sequential amino acid residues selected from the amino acid sequence of SEQ ID NO:1.

49. The hybrid enzyme according to claim 19, in which the peptide is selected from the peptides having the amino acid sequences of SEQ ID NO: 2 though SEQ ID NO: 5.